Index of Claims

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10/623,807

Examiner

Essama Omgba

Applicant(s)/Patent under Reexamination

MURAKAMI, KOTOYOSHI

Art Unit

3726

| √ | Rejected | - | -[ | (Through numeral)<br>Cancelled | N | Non-Elected  | Α | Appeal   |
|---|----------|---|----|--------------------------------|---|--------------|---|----------|
| = | Allowed  | - | ١  | Restricted                     |   | Interference | 0 | Objected |

| Cla   | aim           | Date     |          |          |          |          |          | Cla      | aim      | Date   |   |       |          |                 |          |         |         | [        | Cla             | aim          | Date     |      |       |            |                |                 |          |          |          |          |          |           |        |
|-------|---------------|----------|----------|----------|----------|----------|----------|----------|----------|--|---|-------|----------|-----------------|----------|---------|---------|----------|-----------------|--------------|----------|------|-------|------------|----------------|-----------------|----------|----------|----------|----------|----------|-----------|--------|
|       | <u>e</u>      | 3-2-06   |          |          | Ĭ        |          |          |          |          |  |   |       | ল        |                 |          |         |         |          |                 |              |          |      |       | त्त        |                |                 |          |          |          |          |          |           |        |
| Final | ا<br>پيز      | 2        |          |          |          |          |          |          |          |  |   | Final | ij       |                 |          |         |         |          |                 |              |          |      | Final | Ë          |                |                 |          |          |          | l        |          |           |        |
| ıΞ    | Original      | 10       | }        | -        |          |          | - 1      |          |          |  |   | 证     | Original |                 |          |         |         |          |                 |              |          |      | 正     | Original   |                |                 |          |          |          |          |          |           |        |
|       |               | iA       |          |          | _        | _        | _        |          |          | ▙  |   |       |          | $\sqcup$        | $\perp$  | _       |         | ╄        | $\sqcup$        |              | -        | ŀ    |       |            | _              |                 |          |          | _        |          | $\dashv$ | $\dashv$  | _      |
| L     | 1_            |          |          | _        | _        | _        | _        |          | _        | ╙  |   |       | 51       | $\vdash$        | $\dashv$ | $\perp$ | -       | ╄        | $\vdash$        | _            | - :::    | ŀ    |       | 101        |                |                 | -        |          | $\dashv$ |          | $\dashv$ | $\dashv$  | _      |
|       | 2             | _        | Н        |          | _        | _        | _        |          | _        | ▙  |   |       | 52       | $\vdash$        | $\dashv$ | +       | +       | ╀        | $\vdash$        |              | -        | ŀ    |       | 102        |                | H               | _        |          | $\dashv$ |          | $\dashv$ | $\dashv$  |        |
| 1     | 3             | =        | Н        |          | -+       |          | -        |          | <u> </u> | -  |   |       | 53       | ┝╌┤             | $\dashv$ | +       | +-      | +        | $\vdash$        | +            | -        | ŀ    |       | 103<br>104 | -              | Н               | _        | $\dashv$ | -        |          |          |           |        |
|       | <u>4</u><br>5 | ⊢        | $\vdash$ |          |          | -        | -        |          | _        | ╁╌   |   |       | 54<br>55 | Н               | -+       | +       | +       | ┼        | $\vdash$        | +            | $\dashv$ | ╬    |       | 105        | H              | Н               |          |          | $\dashv$ |          | $\dashv$ | $\dashv$  |        |
| 4     | 6             | =        | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | -        |          | -        | $\vdash$   |   |       | 56       | Н               | $\dashv$ | +       | +       | +        | -               | $\dashv$     | -        | ŀ    |       | 106        | $\vdash$       |                 |          |          | $\dashv$ |          | $\dashv$ | $\dashv$  | -      |
| 5     | 7             | =        | $\vdash$ | $\dashv$ | $\dashv$ | -        |          |          |          | -  |   |       | 57       | $\vdash \vdash$ | +        | +       | +       | $\vdash$ | $\vdash$        | -            | ⊣։։      | ŀ    |       | 107        | $\vdash$       | $\vdash$        | $\neg$   |          |          |          | -1       | _         | $\neg$ |
| 6     | 8             | =        |          | 1        | 7        | $\dashv$ | -        | _        | $\vdash$ |  |   |       | 58       | H               | _        | +       | +       | 1        | H               | $\top$       | ┨        | ıt   |       | 108        |                | $\Box$          | ╛        |          |          | _        | 一        | $\dashv$  |        |
| Ť     | 9             |          |          |          |          | _        | 一        |          |          |  |   |       | 59       | m               | $\top$   | _       | T       | T        |                 | $\dashv$     | 7        | ŀ    |       | 109        |                |                 |          |          |          |          | $\neg$   | $\neg$    |        |
|       | 10            | _        |          | 寸        | 寸        |          | $\dashv$ |          |          |  |   |       | 60       | П               | $\top$   | $\top$  | $\top$  |          | $\Box$          |              | 7        | ľ    |       | 110        |                |                 |          |          |          |          |          |           |        |
| 7     | 11            | =        |          |          | ヿ        | $\neg$   |          |          |          |  |   |       | 61       | П               |          |         | $\top$  |          |                 |              |          | ľ    |       | 111        |                |                 |          |          |          |          |          |           |        |
|       | 12            |          |          |          |          |          |          |          |          | L  | ] |       | 62       |                 |          |         |         |          |                 | I            |          |      |       | 112        |                |                 |          |          |          |          |          |           |        |
|       | 13            |          |          |          |          |          |          |          |          |  |   |       | 63       |                 |          |         |         |          |                 |              | ]        | :[   |       | 113        |                |                 |          |          |          |          |          |           |        |
| 10    | 14            | =        |          |          |          |          | $\Box$   |          |          |  |   |       | 64       | Ш               | T        |         | L       |          |                 | $\perp$      | _        |      |       | 114        | igsqcut        | Ш               | [        |          |          |          | Ц        | _         |        |
| 11    | 15_           | =        |          |          | $\Box$   | $\Box$   |          |          |          |  |   |       | 65       | $\sqcup$        | _        | $\perp$ | $\perp$ | $\perp$  | Ш               |              | 4        | ŀ    |       | 115        | <u> </u>       | Ш               |          |          | _        | $\Box$   |          | _         | _      |
| 12    | 16            | =        |          |          | ļ        | _        | _        |          |          | <u> </u>   |   |       | 66       | $\sqcup$        | $\perp$  | $\bot$  | _       | <u> </u> | $\sqcup$        | _            | 4        | L    |       | 116        | <u> </u>       | Ш               |          |          | _        |          | $\sqcup$ |           | _      |
| 2     | 17            | li I     |          |          | _        | _        |          |          |          |  |   |       | 67       | Ш               | _        | $\perp$ | _       | ļ        | $\sqcup$        |              | _        | -    |       | 117        | <u> </u>       | Щ               | _        |          |          |          | $\perp$  | _         |        |
| 3     | 18            | =        |          | _        | _        | _        | _        |          |          | _  |   |       | 68       | Н               | _        | 4       | $\bot$  | <u> </u> |                 | +            | -        | ŀ    |       | 118        |                | -               |          |          | $\dashv$ |          | $\dashv$ | 4         |        |
| 8     | 19            | =        |          |          | $\dashv$ | _        | _        | _        |          | <u> </u>   |   |       | 69       | $\vdash$        | _        |         | +       | ╄        | $\sqcup$        | +            | -        | ŀ    |       | 119        | Н              | $\vdash$        |          |          | _        | _        |          | -         |        |
| 9     | 20            | =        |          |          | 4        | -        |          | -        |          | <u> </u>   |   |       | 70       | Н               | +        |         | ┿       | -        | $\vdash$        | $\dashv$     | -        | :: - |       | 120        | H              | $\dashv$        | $\dashv$ | -        |          |          | $\dashv$ | -         |        |
|       | 21            | _        |          | -        |          | _        | -        | $\dashv$ |          | $\vdash$   |   |       | 71<br>72 | $\vdash$        | $\dashv$ | +       | ╁       | $\vdash$ | Н               |              | -        | ŀ    |       | 121<br>122 | Н              | $\vdash$        | -        |          |          |          | -        | $\dashv$  | _      |
|       | 22            | -        | _        | -        | -        | $\dashv$ |          |          | _        | ├  |   |       | 73       | $\vdash$        | -+       | +       | +       | -        | $\vdash$        | +            | -        | -    |       | 123        | Н              | -               |          | $\dashv$ | $\dashv$ |          | $\dashv$ | $\dashv$  |        |
|       | 23<br>24      |          | _        | -        | $\dashv$ | $\dashv$ |          | $\dashv$ | -        | ⊢  |   |       | 74       | $\vdash$        | $\dashv$ | +       | ╁       | $\vdash$ | $\vdash$        |              | -        | ŀ    |       | 124        | Н              | $\vdash$        | $\dashv$ |          | $\dashv$ | -        |          |           |        |
|       | 25            | $\vdash$ |          | $\dashv$ | -+       | +        | -        | $\dashv$ |          | ┢  |   |       | 75       | $\vdash$        |          | +       | ┿       | +        | $\vdash$        | $\dashv$     | -        | ŀ    | -     | 125        | _              | $\dashv$        | $\dashv$ | $\dashv$ |          |          | $\dashv$ | $\dashv$  |        |
|       | 26            |          |          | $\dashv$ | $\dashv$ | ┪        | $\dashv$ | $\dashv$ |          | $\vdash$   |   |       | 76       | $\vdash$        | +        | +       | +       | +-       | $\vdash$        | $\dashv$     | -        | -    | -     | 126        | Н              | $\dashv$        | $\dashv$ | $\dashv$ | _        |          | _        | $\dashv$  |        |
|       | 27            |          |          | -        | -        | +        | _        | $\dashv$ |          | <del>                                     </del> |   |       | 77       | Ħ               | $\dashv$ | +       | +       | $\vdash$ |                 | _            | -        | ŀ    |       | 127        | П              | $\neg$          |          | $\dashv$ | 寸        | _        |          | ┪         |        |
|       | 28            |          |          | $\dashv$ | 一        | _        | 7        | $\neg$   |          | t  |   |       | 78       | m               | 十        | 十       | ✝       |          |                 | 十            |          | it   |       | 128        |                | $\dashv$        | $\neg$   | $\neg$   |          |          | Ť        | 寸         |        |
|       | 29            |          |          | $\dashv$ | 寸        | _        |          |          |          |  |   |       | 79       |                 | 寸        | +       | 1       | †        |                 |              |          | ľ    |       | 129        | П              |                 | $\neg$   |          | ヿ        |          |          | $\neg$    |        |
|       | 30            |          |          | $\dashv$ | $\dashv$ | 寸        |          |          |          |  |   |       | 80       |                 |          |         | $\top$  |          | П               |              | 7!!!     | ľ    |       | 130        | П              | $\Box$          |          | 一        |          |          |          | $\neg$    |        |
|       | 31            |          |          | $\neg$   | $\neg$   |          | T        |          |          |  |   |       | 81       |                 |          |         | Τ       | П        | П               | T            | 7        | ľ    |       | 131        |                |                 |          |          |          |          |          | $\Box$    |        |
|       | 32            |          |          |          |          |          |          |          |          |  |   |       | 82       |                 |          |         | Ι       |          |                 | I            |          |      |       | 132        |                |                 |          |          |          |          |          |           |        |
|       | 33            |          |          |          |          |          |          |          |          |  |   |       | 83       |                 | $\Box$   | $\Box$  | L       |          | П               |              |          | Ĺ    |       | 133        |                | П               |          | $\Box$   |          |          | _[       | ]         | ]      |
|       | 34            |          |          | $\Box$   | _]       | $\bot$   |          |          |          |  |   |       | 84       |                 | $\perp$  | $\perp$ | $\perp$ |          | Ш               | $\perp$      | _        | L    |       | 134        | Щ              | Щ               | _        |          |          |          | $\sqcup$ | $\dashv$  |        |
|       | 35            |          |          | $\dashv$ | ļ        |          | _        | ļ        |          | <u> </u>   |   |       | 85       | Щ               | $\perp$  |         | $\perp$ | 1        | $\sqcup$        | $\perp$      | 4        | Ļ    |       | 135        | $\sqcup$       | $\sqcup$        | _        | _        | _        |          | _        | $\dashv$  |        |
|       | 36            |          | _        |          | _        | _        | _        | _        | _        | <u> </u>   |   |       | 86       | $\sqcup$        | 4        | _       | $\bot$  | ↓_       | -               |              | 4        | L    |       | 136        | $\sqcup$       | $\sqcup$        | _        | _        |          |          | -        | $\dashv$  | _      |
|       | 37            |          |          | $\dashv$ | _        | _        | _        |          |          | <u> </u>   |   |       | 87       | $\vdash$        | _        | _       | +       | $\vdash$ | $\sqcup$        | 4            | -        | -    |       | 137        |                | $\vdash \vdash$ | $\dashv$ |          |          | _        |          | -         |        |
|       | 38            |          | _        | $\dashv$ |          |          | -        |          |          | ├-   |   |       | 88       |                 | -        | +       | +       | $\vdash$ | $\vdash \vdash$ | +            | -        | ŀ    |       | 138<br>139 | $\vdash$       | $\vdash \vdash$ |          |          | -        | $\dashv$ | $\dashv$ | -         | _      |
|       | 39<br>40      |          |          |          |          | $\dashv$ | $\dashv$ |          |          | -  |   |       | 89<br>90 | $\vdash$        | +        | +       | +       | -        | $\vdash$        | +            | -        | ŀ    |       | 140        | Н              | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ |          | -        | $\dashv$  | -      |
|       | 41            |          |          | $\dashv$ |          | $\dashv$ | $\dashv$ | $\dashv$ |          | -  |   |       | 91       | $\vdash$        | +        | +       | +       | +-       | H               | +            | -        | ŀ    |       | 141        | $\vdash\vdash$ | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |          | $\dashv$  | -      |
|       | 41            | -        | -        |          | $\dashv$ | $\dashv$ | +        | $\dashv$ |          | $\vdash$   |   |       | 92       | $\vdash$        | +        | +       | +       | +-       |                 | +            | -        | ŀ    | -     | 142        | Н              | $\vdash \vdash$ |          | $\dashv$ | -        | $\dashv$ | +        | $\dashv$  | -      |
|       | 43            |          | -        | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\vdash$   |   |       | 93       |                 | +        | +       | +-      | $\vdash$ | $\vdash \vdash$ | +            | -        | ŀ    |       | 143        | Н              | $\vdash$        | $\dashv$ | -        | $\dashv$ | _        | $\dashv$ | $\dashv$  | _      |
|       | 44            | $\vdash$ |          | +        | $\dashv$ | $\dashv$ | $\dashv$ | _        |          | $\vdash$   |   |       | 94       | $\vdash$        | +        | +       | +       | +        | $\vdash$        | +            | ۱        | H    |       | 144        | H              | $\vdash$        | $\neg$   | _        | $\neg$   |          | $\dashv$ | 一         |        |
|       | 45            | Н        | $\dashv$ | $\dashv$ | -        | _        | +        | 1        |          | t —  |   |       | 95       |                 | 十        | $\top$  | $\top$  |          | $\vdash$        |              | ٦        | ŀ    |       | 145        | П              | $\vdash$        |          |          | $\dashv$ |          |          | $\dashv$  |        |
|       | 46            |          | 一        | $\dashv$ | -        | $\dashv$ | 1        | $\dashv$ |          | †  |   |       | 96       | $\Box$          | $\dashv$ | $\top$  | $\top$  | $\vdash$ |                 |              |          | ľ    |       | 146        | П              | П               | 一        |          |          | $\neg$   |          | $\neg$    | П      |
|       | 47            |          | $\neg$   | $\dashv$ | _        | $\dashv$ | $\dashv$ | $\neg$   |          | <del>                                     </del> |   |       | 97       |                 | $\top$   |         | T       | Τ        | П               | 7            | 7        | ľ    |       | 147        | П              | $\Box$          |          |          |          |          |          | $\exists$ |        |
|       | 48            |          |          | $\neg$   | 寸        | $\neg$   | 7        | $\neg$   | _        | Π  |   |       | 98       |                 | $\top$   |         | T       |          |                 |              | 7        | ľ    |       | 148        |                |                 |          |          |          |          |          |           |        |
|       | 49_           |          |          |          |          |          | T        |          | _        |  |   |       | 99       |                 |          |         | 1       |          |                 | ╧            |          |      |       | 149        |                |                 |          |          |          |          |          |           |        |
|       | 50            |          |          |          |          |          |          |          |          |  |   |       | 100      |                 |          |         |         |          |                 | $oxed{oxed}$ |          | [    |       | 150        |                |                 |          |          |          |          |          |           |        |